Use Attainability Analysis

for

WBID 1276 Big Deer Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

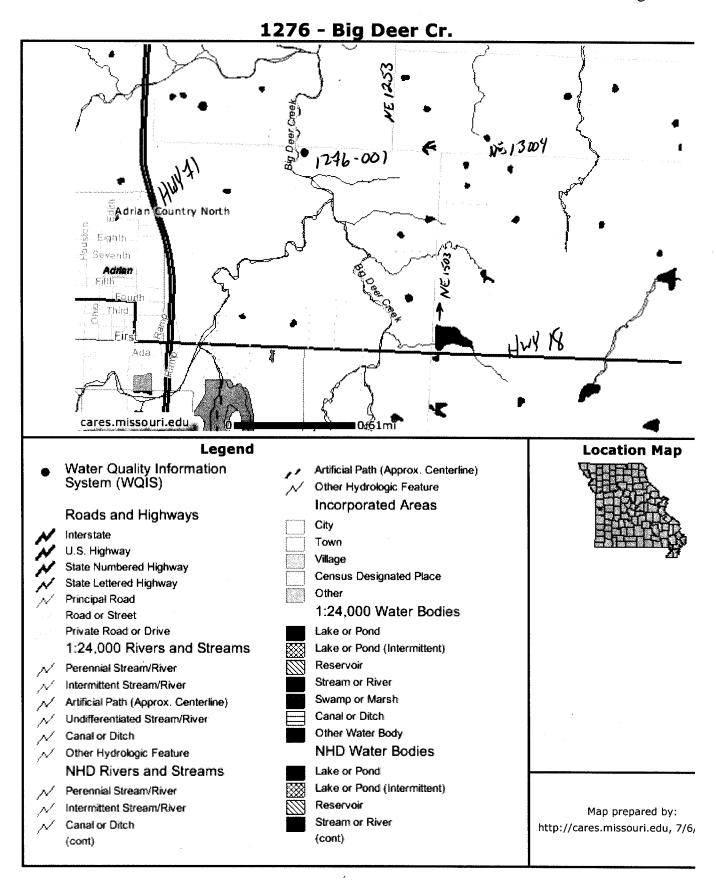
2005 JUL 11 PM 4: 32

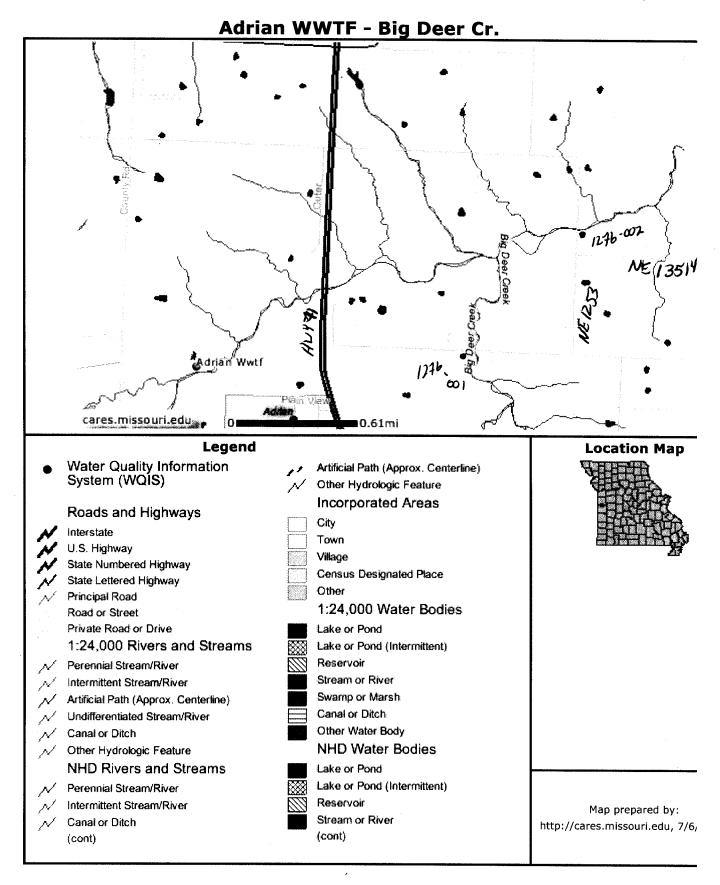
Data Sheet A - Water Body Identification

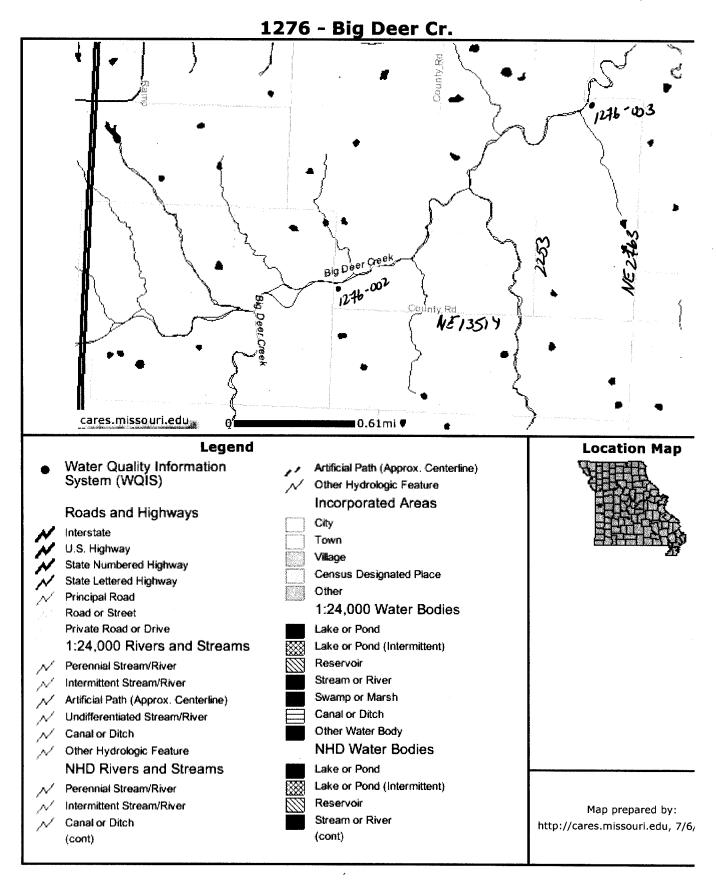
WATER PROTECTION PROGRAM

Water Body Name (from USGS 7.5' quad): By Deer Cr.
8-digit HUC: /0290168
Missouri WBID #: /276
County: Bakes
Upstream Legal Description:
Downstream Legal Description:
Upstream Coordinates: N38.40857 W 094, 32971
Downstream Coordinates: N 38.4324 W 094.29685
Discharger Facility Name(s): Addian WWTF
Discharger Permit Number(s): MO 2 112623
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Aaron Bleisaum 816 - 622 - 7018
Organization: MONK
Position: Env. Special +
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.
Signed: Date: 7/1/05

I,







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	276.001		Site Location Description: NE 13004 RJ. Bates Co.				
Site GPS Coordinates:	N38.40951 h	194.32941	NE 13	5004 ILA. 525es (.ó\		
Date & Time: 1/1/6	05 8:43 Ar	V	Facility Name	Alcina LANTE			
Personnel: Aacan A	Ste beum		Permit Numbe	or: MO 0112623			
Current Weather Conditi	ions: Clear	73°F	Weather Cond	itions for Past 7 days:	······································		
Photo Ids: Upstream:	/-3 Dov	vnstream: 4	6 Oth	ner:	1		
		,		The state of the s			
ses Observed*:							
Swimming	Skin diving	SCU	JBA diving	Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	☐ Wading	Rafting		
Hunting	☐ Trapping	☐ Fish	-	None of the above	Other:		
Describe: (include numb	er of individuals rec	reating, freque	ncy of use, phot	o-documentation of evidence	e of recreational uses, etc.)		
	ns*: (Mark all that	promote or imp	ede recreationa	uses. Attach photos of evidence	ence or unusual		
urrounding Conditionems of interest.)	ns*: (Mark all that	T	pede recreationa	uses. Attach photos of evide	ence or unusual Campgrounds		
ems of interest.)	10.100.480	T	servation lands				
ems of interest.) City/county parks	Playgrounds	☐ MDC cor	servation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway		
ms of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC cor	servation lands	Urban areas	☐ Campgrounds ☐ Stairs/walkway		
cms of interest.) City/county parks Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC cor ☐ National ☐ Steep slop	servation lands forests pes	☐ Urban areas ☐ Nature trails ☐ Other: Dense veget	☐ Campgrounds ☐ Stairs/walkway +∴, pastures		
ems of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC cor ☐ National ☐ Steep slop	servation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway		
ems of interest.) City/county parks Boating accesses No trespass sign vidence of Human Us	☐ Playgrounds ☐ State parks ☐ Fence Se*: ☐ Foot paths/pri	☐ MDC cor ☐ National ☑ Steep slop	servation lands forests pes ock/platform	☐ Urban areas ☐ Nature trails ☐ Other: In a Veget- ☐ Livestock Watering	☐ Campgrounds ☐ Stairs/walkway +		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

age	Two –	WBID # <u></u>	77b-a	Data She	et B - Si	te Characte	rization		
Strea	am Mor	phology:		Dimensions:					
	Riffle	Width (ft):		Length (ft):		Avg. Depth	(ft):	Max. Depth	(ft):
	Run	Width (ft):		Length (ft):		Avg. Depth	(ft):	Max. Depth	(ft):
1	Pool	Width (ft):	15	Length (ft):	30	Avg. Depth	(ft): / Ft	Max. Depth	(ft): 1.5 f.t
	Flow	Present?	☐ Yes	X No		Estimated (1	t³/sec):		
Do	ownstre	am View	Physica	l Dimensions:					
	Riffle	Width (ft):		Length (ft):		Avg. Depth	(ft):	Max. Depth	(ft):
	Run	Width (ft):		Length (ft):		Avg. Depth	(ft):	Max. Depth	(ft):
<u>Ja</u>	Pool	Width (ft):	15	Length (ft): _	75	Avg. Depth	(ft): / <i>G</i> +	Max. Depth	(ft): 2.5Et
	Flow	Present?	Yes	No No		Estimated (f	<u> </u>	71-4-7-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	
÷.	No al	ze detai	tel	ount of vegetation of	or algal gro	owth at the asso	essment site)		
	Odor:		Sewage			hemical	None	Other:	
С	Color:	X	Clear	Green		iray	☐ Milky	Other:	
	ottom De		Sludge	Solids		ine sediments	None	Other:	
S	urface De	posit: 🔼	Oil	Scum		oam	☐ None	Other:	
*This	informati rehensive	on is not to l understandir	oe used so	tional comments olely for removal of er conditions. Consistents is but may point to	f a recreati	onal use desig	nation but rathe	r is to provide a mod to directly influe	ore ence a
	sheet is	true and a	accurat	e.	-			-	ed on this UAA
		:_MO	VK	Sleiber		Positio	on: <i>Env.</i>	Special +	

1276-001 D1

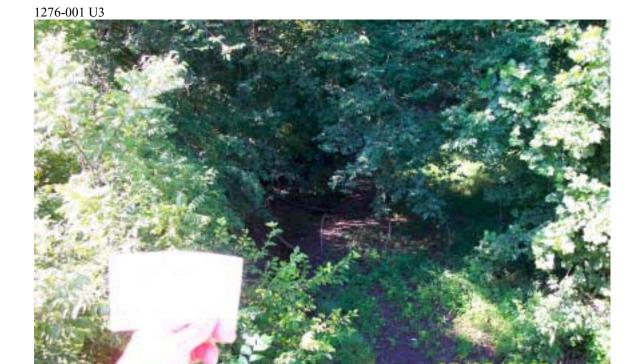


1276-001 U













1276-002 D2



1276-002 D3







1276-002 D5



1276-002 D6













1276-002 U4



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	276-003		Site Location	n Descrip	otion:			
Site GPS Coordinates:		94 29686	1 / Υ	127	663 14.	Bates	ω .	
Date & Time: 7/1	05 9:19 AM		Facility Nam	ne:	dain M	NIF		
Personnel: Agen	Sebaum		Permit Numl	ber:	MO 01121	27		
Current Weather Condit			Weather Con					
Photo Ids: Upstream: /		nstrean 20	1 /10	Other:		019		
			- 9-5					
Uses Observed*:								
Swimming	Skin diving	□ scu	JBA diving		Tubing		☐ Water skiing	
☐ Wind surfing	☐ Kayaking	Boa	ting		Wading		Rafting	
Hunting	Trapping	Fish	ning	Ø	None of th	e above	Other:	
Describe: (include numb	per of individuals recr	eating, freque	ncy of use, ph	oto-docu	mentation o	f evidence	of recreational uses, etc.)	
					a.			
						······································		
urrounding Condition	ns*: (Mark all that pr	romote or imp	ede recreation	nal uses. A	Attach photo	s of evider	ice or unusual	
tems of interest.)	-	•			•			
☐ City/county parks	Playgrounds	☐ MDC cor	servation land	is 🗆	Urban area	s	Campgrounds	
☐ Boating accesses	☐ State parks	☐ National	forests		Nature trai	ls	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	Steep slop	pes	×	Other: Be	m fields	, corn fields	
				·				
Evidence of Human Us	se*:							
Roads	Foot paths/prin	ts D	ock/platform		Livestock	Watering	RV / ATV Tracks	
Rope swings	☐ Camping Sites	Fi	re pit/ring		NPDES D	scharge	Fishing Tackle	
Other: Old en	gine in stream	^			· .			
	, , , , , , , , , , , , , , , , , , , ,							
Site Locations Map(s):	Attach a map of e	entire segm	ent with asse	essment	t sites clea	rly labele	d. Mark any	
other items that may be						-	•	

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☐ Riffle Width ☐ Run Width ☐ Pool Width ☐ Flow Preser	<u> </u>	Length (ft):					
Pool Width		Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):	
	1 (ft): 36			Avg. Depth ((ft):	Max. Depth (ft):	7
		Length (ft):	100	Avg. Depth ((ft): 1.5CH	Max. Depth (ft): 2/	7
	nt? 🗌 Ye	s No		Estimated (ft	t ³ /sec):		
Downstream Vi	iew Physie	cal Dimensions:	;				
Riffle Width	ı (ft):	Length (ft):		Avg. Depth ((ft):	Max. Depth (ft):	
Run Width	n (ft):	Length (ft):		Avg. Depth ((ft):	Max. Depth (ft):	
Pool Width	n (ft): 33	Length (ft):	100	Avg. Depth ((ft): 1.5FH	Max. Depth (ft): 2	ft
Flow Preser				Estimated (ft	r³/sec):		***************************************
<i>[Ŏ</i> % Cobbl	e values shou le	s No Ald add up to 100%. % Gravel mount of vegetation	% Sa	and 90	% Silt	% Mud/Clay	% Bedr
uatic Vegetatio	e values shou le on*: (note an	ald add up to 100%. % Gravel mount of vegetation	% Sa	and 90	% Silt	% Mud/Clay	% Bedro
LO % Cobbluatic Vegetatio	e values shou le on*: (note an	ald add up to 100%. % Gravel mount of vegetation	% Sa or algal gro	and 90	% Silt		% Bedro
ال % Cobbluatic Vegetatio المراجعة المراجعة المراجعة المراجعة	e values shou le on*: (note an	ald add up to 100%. % Gravel mount of vegetation	% Sa	and 90	% Silt	% Mud/Clay Other:	% Bedr
uatic Vegetatio	e values shou le on*: (note an istics*: (Ma	ark all that apply.) Green	% Sa or algal gro	and 90 owth at the asse	% Silt	Other:	% Bedr

Organization: MONR

Position: <u>Env. Specials 1</u>











1276-003 D4







1276-003 U2



1276-003 U3



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	1276-002	Site Location	Description:	
Site GPS Coordinates: N	38.41754 W094.	32040 NE	1253 Ld Betes Co	v.
Date & Time: 7/1/	65 8:57Am		1253 ld Butes Co	
Personnel:	bleibaum	Permit Number		
Current Weather Conditi	ons: Dry 75	"F Weather Cond	litions for Past 7 days:	
Photo Ids: Upstream:			ner:	
es Observed*:				
Swimming	Skin diving	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boating	☐ Wading	Rafting
Hunting	Trapping	Fishing	None of the above	Other:
Describe: (include numb	er of individuals recre	ating, frequency of use, pho	to-documentation of evidence	of recreational uses, etc.)
rrounding Condition	18*: (Mark all that pro	omote or impede recreationa	Luses. Attach photos of evide	nce or unusual
rrounding Condition is of interest.)	18*: (Mark all that pro	omote or impede recreationa	l uses. Attach photos of evider	nce or unusual
	18*: (Mark all that pro	omote or impede recreationa MDC conservation lands	l uses. Attach photos of evider	nce or unusual
ns of interest.)				T
ns of interest.) City/county parks	Playgrounds [MDC conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
ns of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds [☐ State parks ☐ Fence ☐	☐ MDC conservation lands ☐ National forests	Urban areas	☐ Campgrounds ☐ Stairs/walkway
city/county parks Boating accesses	☐ Playgrounds [☐ State parks ☐ Fence ☐	☐ MDC conservation lands ☐ National forests ☐ Steep slopes	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
s of interest.) City/county parks Boating accesses No trespass sign idence of Human Us	☐ Playgrounds [☐ State parks ☐ ☑ Fence ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ MDC conservation lands ☐ National forests ☐ Steep slopes	☐ Urban areas ☐ Nature trails ☑ Other: Pastice	☐ Campgrounds ☐ Stairs/walkway
sof interest.) City/county parks Boating accesses No trespass sign idence of Human Us Roads Rope swings	☐ Playgrounds [☐ State parks [☐ Fence [☐ Urban areas ☐ Nature trails ☑ Other: Postuce, ☑ Livestock Watering ☐ NPDES Discharge	☐ Campgrounds ☐ Stairs/walkway Ive stack ☐ RV / ATV Tracks

other items that may be of interest. (Include photographs)

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ag	e Two –	WBID # <u>\</u>	24b-002	Data Sneet	b - Site Characte	rization			
		phology: View Phy	sical Di	mensions:					
	Riffle	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Dept	h (ft):	
	Run	Width (ft):	-	Length (ft):	Avg. Depth	(ft):	Max. Dept	h (ft):	
	∑ Pool	Width (ft):	42	Length (ft): /5	O Avg. Depth	(ft): 1.5ft	Max. Dept	h (ft): 2.	51+
	Flow	Present?	Yes	No	Estimated (······································	1974		
D) Ownstre	am View l	Physical	Dimensions:					
	Riffle	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Dept	h (ft):	
	Run	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Dept	h (ft):	
4	Pool	Width (ft):	44	Length (ft): 150	Avg. Depth	(ft): /.5 f}	Max. Dept	h (ft): 2 .	5 Ft
	☐ Flow	Present?	☐ Yes	No No	Estimated (ft ³ /sec):			
Was		elected	*• () (- i)	-1141-41					
F	Odor:	acteristics	Sewage	all that apply.) Musky	Chemical	None	Other:		
<u> </u>	Color:		Clear	⊠ Green	Gray	Milky	Other:		·
	Bottom De	posit:	Sludge	Solids	Fine sediments	☐ None	Other:		
	Surface De	posit: 📈	Oil	Scum	Foam	None	Other:		
*Thi	s informati orehensive	on is not to bunderstandir	e used sol	lely for removal of a r conditions. Conseq	ncluding informational use designational use designational use designations that need furt	nation but rather	is to provide a side to directly infl	nore uence a	
data	asheet is	signed, her	•	OK 1	f my knowledge,		,		is UAA
Sign	1ed:	fin	en .	Meda	Date:_	7/7/	5		_
Org	anization	: <i>MD</i>	W.		Date:Position	on: <u>Env</u>	Speak	14	-